National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : REGIONAL REFERENCE STANDARD LABORATORY, P.O - IMMT, BHUBANESWAR, KHORDHA, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9334 **Page No** 1 of 2

Validity 16/03/2021 to 15/03/2023 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	AC Mains voltage dip and short interruption	OIML R-76, CL. No. B.3.1
2	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	Immunity to conducted radio frequency fields	OIML R-76 , CL. No. B.3.6
3	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	Creep Test	OIML R-76 , CL. no. A.4.11.1
4	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	Damp heat,Steady state - with Environmental Chamber size of (WxDxH) = 150 x 150 x 150 cm	OIML R-76 , CL. No. B.2
5	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	Discrimination test	OIML R-76 CL. No. A.4.8.1 and 2
6	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	Eccentricity Test	OIML R-76 , A.4.7.1, 2 and 3
7	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	Electrical bursts	OIML R-76 , CL. No. B.3.2
8	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	Electrostatic Discharges	OIML R-76 , CL. No. B.3.4
9	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	Endurance test	OIML R-76 , CL. No. A.6
10	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	Immunity to radiated electromagnetic fields	OIML R-76 , CL. No. B.3.5
11	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	Repeatability test	OIML R-76 , CL. No. A.4.10
12	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	Span Stability test	OIML R-76 , CL. No. B.4
13	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	Tare test	OIML R-76 , CL. No. A.4.6.1

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14	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	Temperature effect on no load indication	OIML R-76 , CL. No. A.5.3.2
15	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	Tilting test	OIML R-76 , CL. No. A.5.1, A.5.1.1-A.5.1.3
16	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	Voltage Variation Test	OIML R-76, CL. No. A.5.4
17	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	Warm up time test	OIML R-76 CL. No. A.5.2
18	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	Zero Return test	OIML R-76 , CL. No. A.4.11.2
19	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Non Automatic Weighing Instruments (Weighing Balances)	weighing performance	OIML R-76 , CL. No. A.4.4 and A.5.3.1 @ temperature -5°C to 40°C and relative humidity 85% RH
20	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Water meter	Reverse flow test	OIML R-49, CL. No. 7.8
21	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Water meter	Intrinsic errors (of indication)	OIML R-49 , CL. No. 7.4.4
22	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Water Meter	Meter characteristic at zero flow rate	OIML R 49 ,CL. No. 4,2,9
23	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Water Meter	Static Pressure Test	OIML R-49 ,CL. No. 7.3
24	MECHANICAL-PERFORMANCE/DURABILITY/ SAFETY TEST	Water Meter	Water pressure test	OIML R-49 , CL. No. 7.7